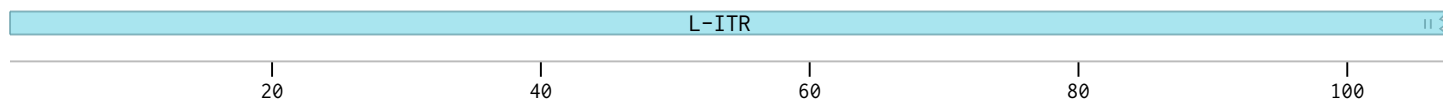
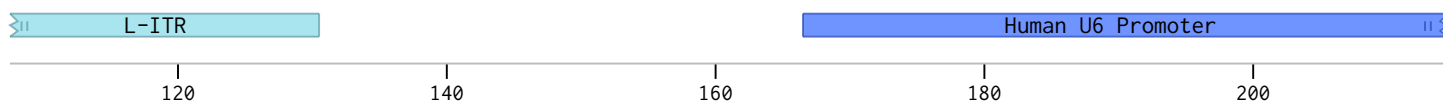


U6-gMLP-pAAV (3791 bp)

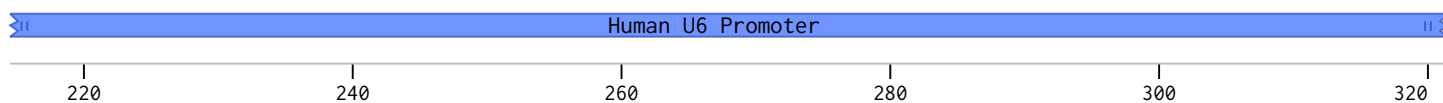
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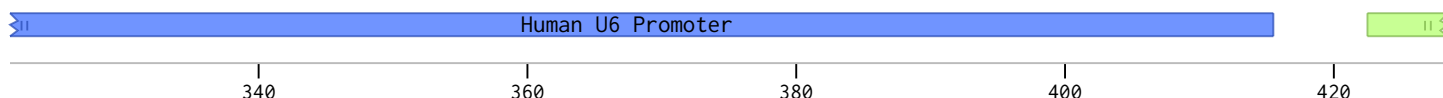
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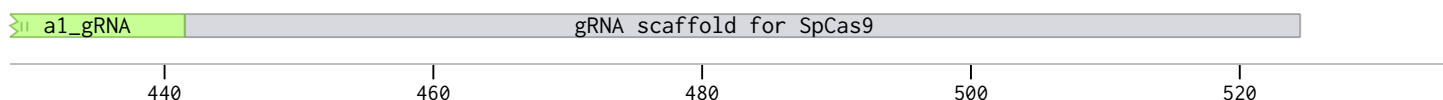
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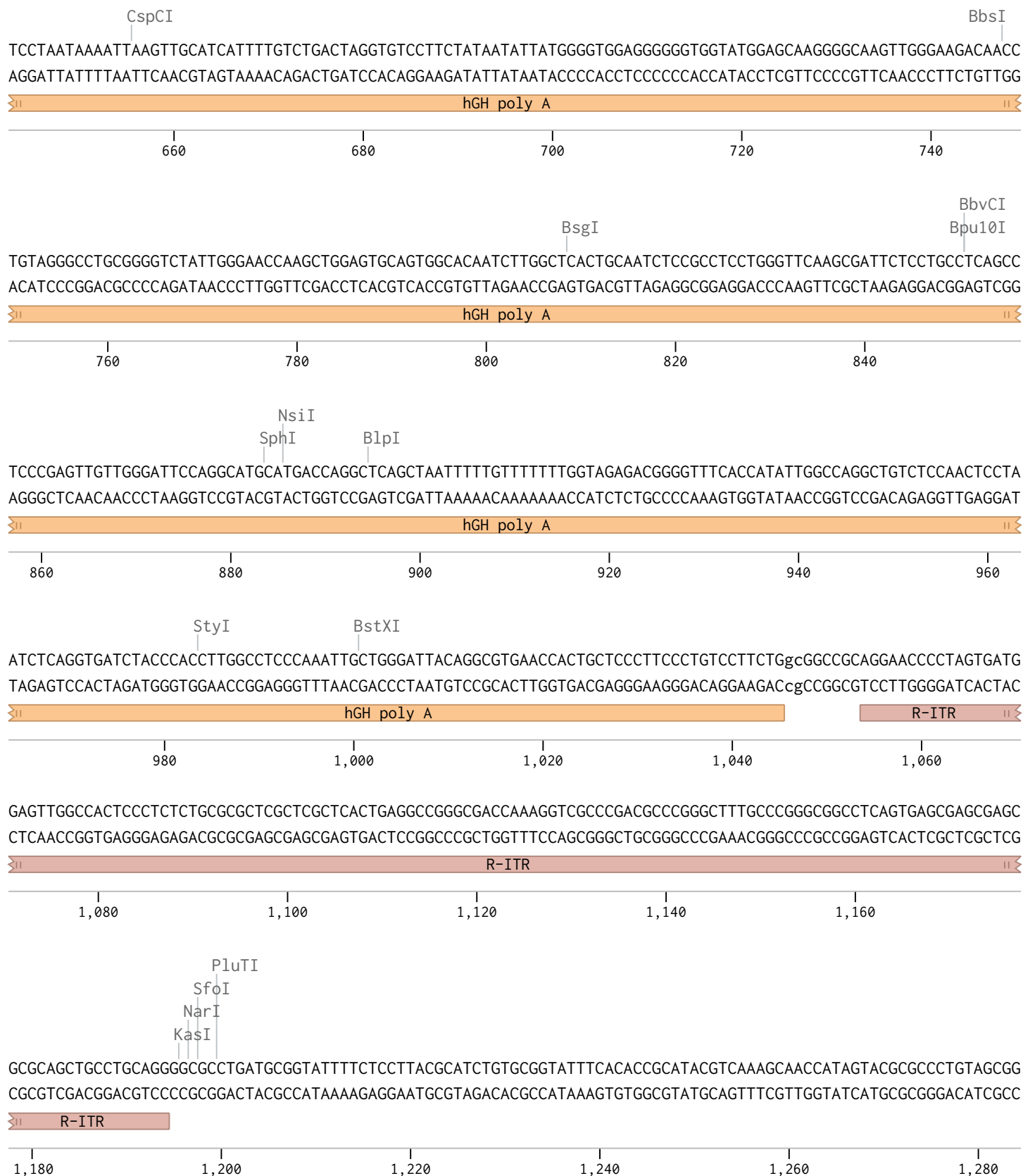


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F1 ori

1,300

1,320

1,340

1,360

1,380

NaeI

NcoMIV

BamII

BtgZI

TCGCCGGCTTTCCCGTCAAGCTCTAAATCGGGGGTCCCTTTAGGGTTCCGATTAGTGCTTTACGGCACCTCGACCCCAAAAACTTGATTTGGGTGATGGTTCA
AGCGGCCGAAAGGGGAGTTTCGAGATTTAGCCCCGAGGGAAATCCCAAGGCTAAATCACGAAATGCCGTGGAGCTGGGGTTTTTGAACCTAAACCACTACCAAGT

F1 ori

1,400

1,420

1,440

1,460

1,480

DraIII

CGTAGTGGGCCATCGCCCTGATAGACGGTTTTTCGCCCTTTGACGTTGGAGTCCACGTTCTTTAATAGTGGACTCTTGTTCAAACTGGAACAACACTCAACCCTAT
GCATCACCCGGTAGCGGACTATCTGCCAAAAAGCGGAAACTGCAACCTCAGGTGCAAGAAATTATCACCTGAGAACAAGTTTGACCTTGTGTGAGTTGGGATA

F1 ori

1,500

1,520

1,540

1,560

1,580

1,600

PstI

CTCGGCTATTCTTTGATTTATAAGGGATTTTGCCGATTTGGCCTATTGGTTAAAAATGAGCTGATTTAACAAAAATTAACGGAATTTTAACAAAATATTAA
GAGCCCGATAAGAAACTAAATATTCCCTAAACGGCTAAGCCGATAACCAATTTTTACTCGACTAAATTGTTTTAAATTGCGCTTAAAAATGTTTTATAATT

1,620

1,640

1,660

1,680

1,700

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1,720

1,740

1,760

1,780

1,800

PfoI

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1,820

1,840

1,860

1,880

1,900

1,920

AatII

ZraI

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1,940

1,960

1,980

2,000

2,020

EarI

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TTTATGTAAGTTTATACATAGGCGAGTACTCTGTTATTGGGACTATTTACGAAGTTATTATACTTTTCTTCTCATACTCATAAGTTGTAAAGGCACAGCGGGAA

AmpR

2,040

2,060

2,080

2,100

2,120

2,140

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TAAGGAAAAAACGCCGTAAAACGGAAGGACAAAAACGAGTGGGTCTTTGCGACCACTTTCATTTTCTACGACTTCTAGTCAACCCACGTGCTCACCCAATGTAGCT

»» AmpR »»

2,160

2,180

2,200

2,220

2,240

XmnI

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»» AmpR »»

2,260

2,280

2,300

2,320

2,340

ScaI

TTGACGCCGGGAAGAGCAACTCGGTCGCCGCATACACTATTCTCAGAATGACTTGGTTGAGTACTCACCAGTCACAGAAAAGCATCTTACGGATGGCATGACAGTA
AACTGCGGCCGTTCTCGTTGAGCCAGCGGCGTATGTGATAAGAGTCTTACTGAACCAACTCATGAGTGGTCAGTGTCTTTTCGTAGAATGCCTACCGTACTGTCTAT

»» AmpR »»

2,360

2,380

2,400

2,420

2,440

2,460

PvuI

AGAGAATTATGCAGTGTGCCATAACCATGAGTGATAAACTGCGGCCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAGCTAACCGCTTTTTTGCACAACAT
TCTCTTAATACGTCACGACGGTATTGGTACTCACTATTGTGACGCCGTTGTAATGAAGACTGTTGCTAGCCTCCTGGCTTCCTCGATTGGCGAAAAACGTGTTGTA

»» AmpR »»

2,480

2,500

2,520

2,540

2,560

GGGGGATCATGTAACCTGCCTTGATCGTTGGGAACCGAGCTGAATGAAGCCATACCAAACGACGAGCGTGACACCACGATGCCTGTAGCAATGGCAACAACGTTGC
CCCCCTAGTACATTGAGCGGAAGTACCAACCTTGGCCTCGACTTACTTCCGTTATGGTTTGTGCTCGCACTGTGGTGTACGGACATCGTTACCGTTGTTGCAACG

»» AmpR »»

2,580

2,600

2,620

2,640

2,660

FspI

NmeAIII

GCAAACATTAACCTGGCGAACTACTTACTCTAGCTTCCCGCAACAATTAATAGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTTCG
CGTTTGATAATTGACCGCTTGATGAATGAGATCGAAGGGCCGTTGTAATTATCTGACCTACCTCCGCCTATTTCAACGTCCTGGTGAAGACGCGAGCCGGGAAGGC

»» AmpR »»

2,680

2,700

2,720

2,740

2,760

2,780

BsaI

GCTGGCTGGTTTATTGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCACTGGGGCCAGATGGTAAGCCCTCCCGTATCGTAGTTATCTA
CGACCGACCAATAACGACTATTTAGACCTCGGCCACTCGACCCAGAGCGCCATAGTAACGTCGTGACCCCGGTCTACCATTCCGGAGGGCATAGCATCAATAGAT

»» AmpR »»

2,800

2,820

2,840

2,860

2,880

CACGACGGGGAGTCAGGCAACTATGGATGAACGAAATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTGGTAACTGTCAGACCAAGTTTACTCATATA
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>> AmpR

2,900 2,920 2,940 2,960 2,980

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3,000 3,020 3,040 3,060 3,080 3,100

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pUC origin

3,120 3,140 3,160 3,180 3,200

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pUC origin

3,220 3,240 3,260 3,280 3,300

AlwNI

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pUC origin

3,320 3,340 3,360 3,380 3,400 3,420

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pUC origin

3,440 3,460 3,480 3,500 3,520

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pUC origin

3,540 3,560 3,580 3,600 3,620

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pUC origin

3,640 3,660 3,680 3,700 3,720 3,740

